APPENDIX B2

ANOTHER EXAMPLE OF NON-PRIVATE ADDRESS COMMUNICATION:

Even when such a method for encapsulating an external packet so as to produce an internal packet is employed in a non-private address communication, a packet filter of a boundary relay apparatus may be employed. In the embodiments other than the embodiment-15 of Japanese Patent No. 3084681 C2, as indicated in FIG. 18, an address section is made as follows: In an external area of an IP network, the addresses are subdivided into both the private address communication and the non-private address communication, whereas in an internal area of the IP network, these addresses are divided into the range of the address which is not opened outside the network. It should also be noted that the addresses used in the external area of the IP network, and the addresses used in the internal area of the IP network are determined without establishing any relationships.

FIG.18

External Area of IP Network	Private Address Communication Range (Directed to Intra-Corporation Communication)	Non-Private Address Communication Range (Directed to Inter-Corporation Communication)

No-Relationship

Internal Area of IP Network	Range of Address Which is Not Opened outside Network (Address for Encapsulation) (Internal Address of Communication Company) (Address Commonly Used among Communication Companies)